

Curriculum Vitæ

1. PERSONAL DATA

Born: Guillermo Ricardo Simari
30 de junio de 1948.
Place of Birth: Capital Federal. Argentina
Nacionality: Argentine
Married, two children



Google Scholar:

https://scholar.google.com/citations?hl=en&user=GDCXAzQAAAAJ&view_op=list_works&sortby=pubdate

DBLP: https://dblp.uni-trier.de/pers/hd/s/Simari:Guillermo_Ricardo

2. EDUCATION

Doctor of Science, Department of Computer Science, School of Engineering and Applied Sciences, Washington University. 1989.

Dissertation Title: “*A Mathematical Treatment of Defeasible Reasoning and its Implementation*”. Thesis Adviser: Ronald Prescott Loui, Ph.D.

This Thesis was nominated for the Association for Computing Machinery Award in Computer Science in 1989 (ACM Award '89).

Published in the Artificial Intelligence Journal:

A Mathematical Treatment of Defeasible Reasoning and its Implementation.

G.R. Simari and R.P. Loui, Artificial Intelligence Journal, **53** (1992) 125-157.

Master of Science in Computer Science, Department of Computer Science, School of Engineering and Applied Sciences, Washington University.

Licenciado in Mathematics, Depto. de Matemática, Universidad Nacional del Sur. Argentina.

3. APPOINTMENTS

Professor Emeritus. Universidad Nacional del Sur. Since Dec. 2019.

Full Professor of Artificial Intelligence and Logic in Computer Science. 1995-2018

Director Artificial Intelligence Research Laboratory, Universidad Nacional del Sur. Since 1994.

Chair Institute of Computer Science and Engineering, Universidad Nacional del Sur. 2000-2015.

Dean of Computer Science and Engineering, Universidad Nacional del Sur, Argentina. 2001-2009.

Vice-dean Computer Science and Engineering, UNS, 1995-1999.

Dean of Research, Dep. Of Computer Science and Engineering. UNS.1995-2001.

Vice-dean Mathematics, UNS, 1993-1995.

4. LEADERSHIP

From 1980 to 1984: Design and Implementation of the Computer Science Undergraduate Program in the Department of Mathematics, Universidad Nacional del Sur (with collaborators).

From 1990 to 1995: Creation of the Department of Computer Science in Universidad Nacional del Sur (with collaborators).

From 1990 to 1993: Design and Implementation of the Doctoral and Master Programs in Computer Science, Universidad Nacional del Sur.

From 1995 to 1997: Design and Implementation of the Computer Engineering Undergraduate Program in the Department of Computer Science, Universidad Nacional del Sur (with collaborators).

From 1992 to 1995: Director of the Computer Center, Universidad Nacional del Sur.

5. TEACHING

Graduate Courses in the Doctoral Program in Computer Science, Universidad Nacional de Sur

“Advanced Topics in Knowledge Representation and Reasoning”, “Readings in Computer Science”, “Advanced Readings in Logic Programming”, “Fundamentals in Argumentation Theory”, “Belief Revision and Change in Theories”, “Advanced Logic for Computer Science”, “Probabilistic Reasoning and Plausible Inference Networks”, “Readings Seminar on Logic Programming and Deductive Databases”, “Multi-Agents Systems”, “Cognitive Robotics”.

Other Universities Doctoral Programs

“Computational Reasoning Systems”, Instituto de Sistemas de Tandil, Departamento de Computación y Sistemas, Universidad Nacional del Centro de la Provincia de Buenos Aires. “Computational Intelligence: A Logical Approach”, “Defeasible Reasoning”, Departamento de Informática, Facultad de Ciencias Físico-Matemáticas y Naturales, Universidad Nacional de San Luis.

Undergraduate Programs:

“Logic in Computer Science”, “Artificial Intelligence”, “Intelligent Agents”, “Theory of Computation”, “Programming Theory”, “Advanced Artificial Intelligence”, “Fundamentals of Computer Science”, “Foundations of Mathematics”, “Topics on Defeasible Reasonings”. “Data Structures and Algorithms”, “Databases Systems”, “Introductory Programming”.

6. HUMAN RESOURCES DEVELOPMENT

Doctoral Dissertations: 26

Master Thesis: 14

Current Doctoral Students: 4

Current Master Students: 2

National Research Council Researchers (CONICET) under Supervision: 14

Funding Received for Research since 1992

- Princ. Invest. Defeasible Reasoning Systems. 1993-1999. approx. us\$ 200,000.- (UNS).Chait
- Project FOMEC nro. 159, Development of the Undergraduate Programs in the Department of Computer Science, Universidad Nacional del Sur, 1996-2001. us\$1.850.000.-
- Co-Leader of a German-Argentinean cooperation on Information Technology together with Universität Koblenz, Germany. Issued 1999-2001. Funded by the (Germany) and the (Argentina). (approx us\$20,000.-)

- Princ. Invest. PICT 2002 N° 13096, 2004-2006. AGENCIA NACIONAL DE PROMOCION CIENTIFICA Y TECNOLOGICA. *A Platform for the Development of Multiagent Systems*. us\$70,000
- Chair PAV 2003-076 Intelligent Systems in Support of the Production Process AGENCIA NACIONAL DE PROMOCION CIENTIFICA Y TECNOLOGICA. 2005-2006. approx. us\$70,000.-
- Princ. Invest. PICT 2003 N° 15043, 2005-2007. AGENCIA NACIONAL DE PROMOCION CIENTIFICA Y TECNOLOGICA. *Intelligent Tools for the Semantic Web*. us\$70,000
- Funding for fellowships since 1992: approx. us\$1,000,000

7. PUBLICATIONS

Books

- *Advances in Artificial Intelligence - IBERAMIA 2018 - 16th Ibero-American Conference on AI, Trujillo, Peru, November 13-16, 2018, Proceedings. Lecture Notes in Computer Science 11238, Springer 2018, ISBN 978-3-030-03927-1.*
- *Trends in Belief Revision and Argumentation Dynamics. E.L.Fermé, D.Gabbay, G.R.Simari (eds.)*
- *Foundations of Information and Knowledge Systems - 9th International Symposium, FoKS 2016, Linz, Austria, March 7-11, 2016. Proceedings. Lecture Notes in Computer Science 9616, Springer 2016. College Publications. London, UK. 978-1-84890-065-3 (2013).*
- *Argumentation in Artificial Intelligence, I.Rahwan, G.R.Simari (eds.). Springer Verlag, New York. 2009. ISBN 978-0-387-98196-3.*
- *Computational Models of Argument, P.Baroni, F. Cerutti, M. Giacomin, G.R. Simari, (eds.). IOS Press. The Netherlands, 2010. ISBN 978-1-60750-618-8.*
- *Advances in Artificial Intelligence-IBERAMIA 2010, 12th Ibero-American Conference on AI, Ángel Fernando Kuri Morales, Guillermo Ricardo Simari (eds.). Argentina, November 1-5, 2010. Proceedings. Lecture Notes in Computer Science 6433 Springer 2010, ISBN 978-3-642-16951-9.*
- *XV Argentine Congress of Computer Science, Selected Papers. G.R. Simari, P. Pesado, J. Paganini. Computer Science and Technology Series. EDULP Editorial de la Universidad Nacional de La Plata, 2010, ISBN: 978-950-34-0684-7.*

Book Chapters

- *Argumentation Based on Logic Programming. A.J. García, G.R.Simari. In Handbook of Formal Argumentation (Part B), Chapter 8, Eds. P. Baroni, D. Gabbay, M. Giacomin, L. van der Torre (2018).*
- *Belief revision and argumentation: a reasoning process view. P. Baroni, M. Giacomin, and G.R. Simari. In Trends in Belief Revision and Argumentation Dynamics. E.L.Fermé, D.Gabbay, G.R.Simari (eds.) College Publications. London, UK. 978-1-84890-065-3 (2013 in press). Pp 1-28.*
- *Credibility-based Selective Revision by Deductive Argumentation. L.H. Tamargo, M. Thimm, P. Krümpelmann, A. J. García, M.A. Falappa, G.R. Simari, and G. Kern-Isberner. In Trends in Belief Revision and Argumentation Dynamics. E.L.Fermé, D.Gabbay, G.R.Simari (eds.) College Publications. London, UK. 978-1-84890-065-3 (2013 in press). Pp 155-182.*
- *The Added Value of Argumentation: Examples and Challenges. S. Modgil, F. Toni, F. Bex, I. Bratko, C.I.Chesñevar, W. Dvůrák, M.A.Falappa,X. Fan, S.A.Gaggl, A.J.García,M.P.González, T.F.Gordon, J. Leite,*

M. Možina, C. Reed, G.R. Simari, S. Szeider, P. Torroni, S. Woltran. Chapter 21 in *Handbook of Agreement Technologies*. S. Ossowski (Ed.). pp. 357-404. 2013.

- *Argument-based Logic Programming*. A. J. García, J. Dix and G. R. Simari. In *Argumentation in Artificial Intelligence*, I. Rahwan, G. Simari (eds.). Springer Verlag, 2009. ISBN 978-0-387-98196-3. Pp 153–172.
- *Belief Revision and Argumentation Theory*. M. A. Falappa, G. Kern-Isberner, G. R. Simari. In *Argumentation in Artificial Intelligence*, I. Rahwan, G. Simari (eds.). Springer Verlag, 2009. ISBN 978-0-387-98196-3. Pp 341–360.

International Journals (recent, total +70)

- Maximiliano Celmo David Budán, Maria Laura Cobo, Diego C. Martínez, Guillermo Ricardo Simari: *Proximity semantics for topic-based abstract argumentation*. *Inf. Sci.* 508: 135-153 (2020)
- Martín O. Moguillansky, Antonino Rotolo, Guillermo Ricardo Simari: *Hypotheses and their dynamics in legal argumentation*. *Expert Syst. Appl.* 129: 37-55 (2019)
- Cristhian A. D. Deagustini, M. Vanina Martinez, Marcelo A. Falappa, Guillermo R. Simari. *Belief base contraction by belief accrual*. *Artificial Intelligence*, Volume 275, October 2019, Pages 78-103
- Luciano H. Tamargo, Cristhian A.D. Deagustini, Alejandro J. García, Marcelo A. Falappa, Guillermo R. Simari. *Multi-source multiple change on belief bases*. *International Journal of Approximate Reasoning*, Volume 110, July 2019, Pages 145-163.
- Martín O. Moguillansky, Antonino Rotolo, Guillermo R. Simari. *Hypotheses and their dynamics in legal argumentation*. *Expert Systems with Applications*, Volume 129, 1 Sept 2019, Pages 37-55.
- Sebastian Gottifredi, Luciano H. Tamargo, Alejandro Javier García, Guillermo Ricardo Simari. *Arguing about informant credibility in open multi-agent systems*. *Artif. Intell.* 259: 91-109 (2018)
- Cristhian A. D. Deagustini, Maria Vanina Martinez, Marcelo A. Falappa, Guillermo Ricardo Simari. *How does incoherence affect inconsistency-tolerant semantics for Datalog±?* *Ann. Math. Artif. Intell.* 82(1-3): 43-68 (2018)
- *An approach to decision making based on dynamic argumentation systems*. Edgardo Ferretti, Luciano H. Tamargo, Alejandro Javier García, Marcelo Luis Errecalde, Guillermo Ricardo Simari. *Artif. Intell.* 242: 107-131 (2017)
- *Defeasible argumentation over relational databases*. Cristhian Ariel David Deagustini, Santiago Emanuel Fulladoza Dalibón, Sebastian Gottifredi, Marcelo Alejandro Falappa, Carlos Iván Chesñevar, Guillermo Ricardo Simari. *Argument & Computation* 8(1): 35-59 (2017)
- *An approach to characterize graded entailment of arguments through a label-based framework*. Maximiliano Celmo Budán, Gerardo I. Simari, Ignacio Darío Viglizzo, Guillermo Ricardo Simari. *Int. J. Approx. Reasoning* 82: 242-269 (2017)
- *Bipolarity in temporal argumentation frameworks*. Maximiliano Celmo Budán, Maria Laura Cobo, Diego C. Martínez, Guillermo Ricardo Simari. *Int. J. Approx. Reasoning* 84: 1-22 (2017)
- *Sharing beliefs among agents with different degrees of credibility*. Luciano H. Tamargo, Sebastian Gottifredi, Alejandro Javier García, Guillermo Ricardo Simari. *Knowl. Inf. Syst.* 50(3): 999-1031 (2017)

Refereed International Conferences (recent, total +130)

- *An Incremental Approach to Structured Argumentation over Dynamic Knowledge Bases*. G. Alfano, S. Greco, F. Parisi, G. I. Simari, G.R. Simari. *KR 2018*: 78-87.
- *Incremental Computation of Warranted Arguments in Dynamic Defeasible Argumentation: The Rule Addition Case*. Gianvincenzo Alfano, Sergio Greco, Francesco Parisi, Gerardo I. Simari, Guillermo R. Simari. *33rd ACM/SIGAPP Symposium On Applied Computing*, pp. 911-918. 2018.
- *An Approach to Characterize Topic-Centered Argumentation*. Maximiliano Celmo David Budán, Maria Laura Cobo, Diego C. Martínez, Guillermo Ricardo Simari. *PRIMA 2017*: 459-467
- *A Set of Operations for Stratified Belief Bases*. Marcelo A. Falappa, Alejandro Javier García, Guillermo Ricardo Simari. *Computational Models of Rationality 2016*: 223-242
- *Using Argument Features to Improve the Argumentation Process*. Maximiliano Celmo David Budán, Gerardo I. Simari, Guillermo Ricardo Simari. *COMMA 2016*: 151-158

- *On the Acceptability Semantics of Argumentation Frameworks with Recursive Attack and Support.* Andrea Cohen, Sebastian Gottifredi, Alejandro Javier García, Guillermo Ricardo Simari. *COMMA 2016*: 231-242
- *A Specialized Set Theoretic Semantics for A Set of Operations for Stratified Belief Bases.* Marcelo A. Falappa, Alejandro Javier García, Guillermo Ricardo Simari. *Computational Models of Rationality 2016*: 223-242
- *Using Argument Features to Improve the Argumentation Process.* Maximiliano Celmo David Budán, Gerardo I. Simari, Guillermo Ricardo Simari. *COMMA 2016*: 151-158
- *On the Acceptability Semantics of Argumentation Frameworks with Recursive Attack and Support.* Andrea Cohen, Sebastian Gottifredi, Alejandro Javier García, Guillermo Ricardo Simari. *COMMA 2016*: 231-242
- *A Specialized Set Theoretic Semantics for Acceptability Dynamics of Arguments.* Martín O. Moguillansky, Guillermo Ricardo Simari. *COMMA 2016*: 391-402

National Conferences (+200)

8. OTHER RELEVANT ANTECEDENTS

Academic collaboration: International and National Boards

Council for Physical Sciences, The Netherlands Organisation for Scientific Research 2006.

Comité para la designación de Profesor Emérito, University of Arizona. 2005.

Centre de Recherche en Informatique de Lens, CNRS, Universidad d'Artois, Francia.

Council for Physical Sciences, The Netherlands Organisation for Scientific Research 2006.

Agence Nationale de la Recherche (ANR), Francia. 2011

Austrian Science Fund (ASF), Austria. 2012

Council for the Humanities of the Netherlands Organization for Scientific Research, 2014.

Member of the Academic Board Informatics and Telecommunication Advisory Board. Consejo Nacional de Investigaciones Científicas y Tecnológicas (CONICET-National Research Council). 2010-2011, 2014-2015.

Chair of the Academic Board Informatics. Consejo Nacional de Investigaciones Científicas y Tecnológicas (CONICET-National Research Council). 2005-2006.

Member of the Academic Board Informatics. Consejo Nacional de Investigaciones Científicas y Tecnológicas (CONICET-National Research Council). 2004-2005.

Member of the Academic Board Informatics. Comisión de Investigaciones Científicas de la Provincia de Buenos Aires (CIC-Provincial Research Council). 1994-1999.

Member of the Advisory Board, Secretaría de Ciencia y Tecnología de la Universidad Nacional del Sur 1994-2000, 2005-cont.

Chair of the National Network of Graduate Programs in Computer Science. 1996-2000.

Co-Chair of the National Network of Undergraduate Programs in Computer Science (RedUNCI), (2010-2014).

Academic collaboration: Journals

Editorial Committee: Artificial Intelligence Journal. Elsevier.

Editorial Committee: Annals of Mathematics and Artificial Intelligence.

Co-Editor Journal of Argument and Computation con Chris Reed, Floriana Grasso y Iyad Rahwan. Taylor & Francis until 2015, member of the Editorial Board since then.

Corner Editor: Argumentation Journal of Logic and Computation. Oxford University Press, con P.M. Dung y F. Toni.

Editorial Committee: The Knowledge Engineering Review. Cambridge University Press.

Artificial Intelligence Journal. Elsevier. (Reviewer)

Artificial Intelligence in Medicine Journal. Elsevier. (Reviewer)

Journal of Logic and Computation. Oxford University Press. (Reviewer)

Journal of Philosophical Logic. Association for Symbolic Logic. Springer. (Reviewer)

Journal of Autonomous Agentes and Multi-Agent Systems. Springer.(Reviewer)
Journal of Artificial Intelligence Research. AI Access Foundation, Inc.(Reviewer)
Theory and Practice of Logic Programming. Cambridge University Press.(Reviewer)
Computational Intelligence (Reviewer)
Logic Journal of the IGPL. Oxford (Reviewer)

Academic collaboration: Program Committees & Chairs

IBERAMIA 2018. Chair

FOIKS 2016. Chair

Local Chair IJCAI 2015.

Int. Conference on Computational Models of Argument (COMMA). Since 2006.

14th Int. Conf. on the Principles of Knowledge Representation and Reasoning. Vienna, Austria.
KR 2014, Toronto, Canada.

13th Int. Conf. on the Principles of Knowledge Representation and Reasoning. Rome, Italy
KR 2012, Toronto, Canada.

12th Int. Conf. on the Principles of Knowledge Representation and Reasoning KR 2010,
Toronto, Canada.

28th Conference on Artificial Intelligence, Quebec, Canada 2015.

26th National Conference on Artificial Intelligence (AAAI-10). American Association for
Artificial Intelligence. AAAI 2010, Atlanta, USA.

26th National Conference on Artificial Intelligence (AAAI-10). American Association for
Artificial Intelligence. AAAI 2010, Atlanta, USA.

International Workshop on Non-Monotonic Reasoning. Toronto, Canada. 2010. (CO-CHAIR)

International Workshop on Non-Monotonic Reasoning Since 2000 (every two years).

International Conference on Autonomous Agents and Multiagent Systems.

FoIKS 2008,2010, 2012, 2014, Foundations of Information and Knowledge Systems

DALT 2009 en conjunto con AAMAS 2009, Budapest, Hungria.

10th European Conference on Symbolic and Quantitative Approaches to Reasoning with
Uncertainty (ECSQARU 2009), Verona, Italia.

CRIWG 2009 – Collaboration Researchers’ International Workshop on Groupware, Portugal.

Co-organizer Dagstuhl Seminar Seminar on Belief Change and Argumentation in Multi-Agent
Scenarios, June 3rd – 7th, 2013, Schloss Dagstuhl, Wadern, Germany, (together with Jürgen
Dix, Sven Ove Hansson, Gabriele Kern-Isberner).

Co-organizer Dagstuhl Seminar Perspective Seminar on *Theory and Practice of Argumentation
Systems* (together with J.Dix, S. Parsons, H. Prakken). January 2008.

23rd International Conference on Logic Programming (ICLP 2007), Sept. 8-13. Porto, Portugal.

1st Workshop on Argumentation and Nonmonotonic Reasoning (chair) Arizona, USA, May
2007. Co-located with LPNMR 2007.

20th Intenational Joint Conference on Artificial Intelligence, IJCAI 2007. Hyderabad, India. Jan
6-12, 2007

3rd International Workshop on KNOWLEDGE and REASONING for ANSWERING QUESTIONS
(KRAQ'07), IJCAI 2007, Hyderabad, India.

Iberamia Since 2006, local chair 2010.

20th National Conference on Artificial Intelligence (AAAI-05). American Association for
Artificial Intelligence. AAAI 2005. Pittsburgh, Pennsylvania.

European Conference on Symbolic and Quantitative Approaches to Reasoning with
Uncertainty. Barcelona, España. 2005.

CLIMA 2004 Computational Logic in Multi-Agent Systems. Fort Lauderdale, FL, USA

Bahía Blanca, 2019